

PTO/SB/088 (07-05)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/644,288
Filing Date	August 20, 2003
First Named Inventor	Diamond
Art Unit	1632
Examiner Name	S.D. Priebe
Attorney Docket Number	PT100-3

Sheet	1	of	1
-------	---	----	---

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
I.P.		GAZZANI et al., A link between mRNA turnover and RNA interference in Arabidopsis. Science, 5 Nov. 2004, v306, pp. 1046-1048.	
		STEIN et al., RNAi: mammalian oocytes do it without RNA-dependent RNA polymerase. RNA, 2003, v9, pp.187-192.	
		HUTVAGNER et al., RNAi: nature abhors a double strand. Curr. Op. Genet. & Dev., 2002, v12, pp. 225-232.	
		DE WIT et al., The tomato RNA-directed RNA polymerase has no effect on gene silencing by RNA interference in transgenic mice. Transgenic Res., 2002, v11, pp. 305-310.	
		CHAPMAN et al., A minimal RNA promoter for minus-strand RNA synthesis by the Brome Mosaic Virus polymerase complex. J. Mol. Biol., 1999, v286, pp. 709-720.	
		ANGELL et al., Consistent gene silencing in transgenic plants expressing a replicating Potato Virus X RNA. EMBO J., 1997, v16(12), pp. 3675-3684.	
		International Search Report for International Application No. PCT/US04/27149, 5 pages.	
I.P.		Written Opinion of the International Searching Authority for International Application No. PCT/US04/27149, 7 pages.	

Examiner Signature	<i>Ilana Priebe</i>	Date Considered	01/28/06
-----------------------	---------------------	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	1
-------	---	----	---

Complete if Known

Application Number	10/644,288
Filing Date	August 20, 2003
First Named Inventor	Diamond
Art Unit	1632
Examiner Name	S.D. Priebe
Attorney Docket Number	PT100-3

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T
		Country Code ² Number ⁴ Kind Code ³ (if known)				
I.P.		WO-03029453-A3	01-22-2004	Crete et al.		
I.P.		WO-03029453-A2	04-10-2003	Crete et al.		

**Examiner
Signature**

Звук ррр

Date Considered

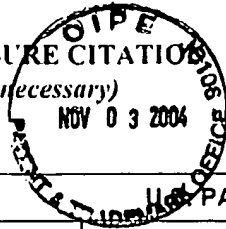
01/28/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) PT100-3	Application Number 10/644,288
	Applicant Diamond	
	Filing Date August 20, 2003	Group Art Unit 1632



U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	TRANSLATION	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1.P	Wang et al., <u>On the role of RNA silencing in the pathogenicity and evolution of viroids and viral satellites</u> , Proc. Nat'l Acad. Sci., Vol. 101, No. 9, pp. 3275-3280 (2004)		

Examiner <i>Shawn Dora</i>	Date Considered <i>01/28/06</i>
-------------------------------	------------------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket Number (Optional) PT100-3	Application Number 10/644,288
	Applicant Diamond	
	Filing Date August 20, 2003	Group Art Unit 1632

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>1.0.1</i>		US 2003/0135882 A1	07/17/2003	Metzlaff et al.	800	280	12/18/2002

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	TRANSLATION	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>1.0.1</i>		Lu et al., <u>Inhibition of HIV-1 Replication Using a Mutated tRNA-^{Lys} Primer</u> , Journal of Biological Chemistry, Vol. 272, No. 23, pp. 14523-14531 (1997).		
<i>1.0.1</i>		Gossele et al., <u>SVISS - a novel transient gene silencing system for gene function discovery and validation in tobacco plant</u> , The Plant Journal, 32, pp. 859-866 (2002).		

Examiner <i>Heather P. Jones</i>	Date Considered <i>01/28/06</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Form PTO-A820
(also form PTO-1449)



INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Docket Number (Optional) PT100-3	Application Number 10/644,288
	Applicant Diamond	
	Filing Date August 20, 2003	Group Art Unit 1632

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
I.P.		US2002/0137709 A1	09/26/2002	Lin et al.			08/01/2001
		6,242,667	06/05/2001	Bujard et al.	800	278	09/28/1998
		5,723,765	03/03/1998	Oliver et al.	800	205	06/07/1995
I.P.		5,597,697	01/28/1997	Diamond	435	6	09/30/1994

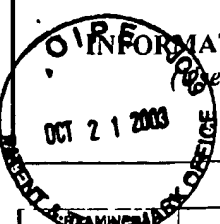
FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	TRANSLATION	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

I.P.		<u>Abstract</u> Michaelson, J.S. et al. <u>RNAi reveals anti-apoptotic and transcriptionally repressive activities of DAXX</u> J. Cell Sci 2003 Jan 15; 116(Pt 2): pp. 345-352		
		Nicholson et al., <u>Molecular Characterization of a Mouse cDNA Encoding Dicer...</u> Mamm Genome, 13(2), 67-73, 2002		
		Matzke et al, <u>RNA: Guiding Gene Silencing</u> Science 293, 1080-1083 (2001)		
		Vance and Vaucheret, <u>RNA Silencing in Plants-Defense and Counterdefense</u> Science 292, 2277-2280 (2001)		
		Voinnet, <u>RNA Silencing as a Plant Immune System Against Viruses</u> Trends Genet., 17, 449-459 (2001)		
		Waterhouse et al., <u>Gene Silencing as an Adaptive Defense Against Viruses</u> Nature, 411, 834-842 (2001)		
		Carthew, <u>Gene Silencing by Double Stranded RNA</u> Curr. Opin. Cell Biol. 13, 244-248 (2001)		
		Zamore, <u>RNA Interference: Listening to the Sound of Silence</u> Nat. Struct. Biol. 8, 746-750 (2001)		
		Piccin et al, <u>Efficient and Heritable Functional Knockout...</u> Nucleic Acids Res. Vol. 29, No. 12. e55, 2001		
I.P.		Wesley et al., <u>Construct Design for Efficient...</u> Plant J 27(6): 581-590, 2001		

Examiner <i>Deanna Pina</i>	Date Considered <i>01/28/06</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

	Docket Number (Optional) PT100-3		Application Number 10/644,288	
	Applicant Diamond			
	Filing Date August 20, 2003		Group Art Unit 1632	

U.S. PATENT DOCUMENTS

INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1.P.		US2002/0007500 A1	01/17/2002	Kuvshinov et al.			02/15/2001

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	TRANSLATION	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1.P.		Bernstein et al., <u>Role for a Bidentate Ribonuclease in the Initiation Step of RNA Interference</u> Nature, 409, 363-366, 2001		
		Hutvagner et al., <u>A Cellular Function for the RNA-Interference Enzyme Dicer...</u> Science, 293, 834-838, 2001		
		Nishikura, K. <u>A Short Primer on RNAi...</u> Cell 107, 415-418, 2001		
		Cogoni and Macino, <u>Post-Transcriptional Gene Silencing Across Kingdoms</u> Current Opin. Genet. Dev. 10, 638-643 (2000)		
		Jorgensen, R.A. et al. <u>An RNA-Based Information Superhighway in Plants</u> Science 279, pp. 1486-1488 (1998)		
		Breaker, R.H. <u>DNA Enzymes</u> Nature Biotechnology 15, pp. 427-431 (1997)		
		Aoyama and Chua, <u>A Glucocorticoid-Mediated Transcriptional Induction System in Transgenic Plants</u> Plant J 11:605-12 (1997)		
		Gatz, et al., <u>Stringent Repression and Homogenous Derepression by Tetracycline of a Modified CMV 35S Promoter in Intact Transgenic Tobacco Plants</u> , The Plant Journal, 2:397-404 (1992)		
		Weiss et al, <u>Synthetic Human tRNA^{Lys}_{UUU} and...</u> Gene 111, 183-197 (1992)		
		Kohlstaedt and Steitz, <u>Reverse Transcriptase of Immunodeficiency Virus...</u> Proc. Natl. Acad. Sci. USA 89, 9652-9656 (1992)		
		Wang and Seeger, <u>The Reverse Transcriptase of Hepatitis B...</u> Cell, 71, 663-670 (1992).		
		Orr et al, <u>DNA Chain Termination Activity and ...</u> The Journal of Biological Chemistry, 267, 4177-4182 (1992)		
1.P.		Gatz and Quail, <u>Tn10-Encoded tet Repressor can Regulate an Operator-Containing Plant Promoter</u> , Proc. Natl. Acad. Sci. USA, 85:1394-1397 (1988)		

Examiner <i>[Signature]</i>	Date Considered <i>01/28/06</i>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	